

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:4453
ANSWERED ON:18.12.2000
MORE AVENUES TO INCREASE NCES
SUKENDER REDDY GUTHA

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether the Government have undertaken any new initiative to explore more avenues to increase the Non-Conventional Energy resources;
- (b) if so, the details thereof;
- (c) whether the Government have reduced the incentives to entrepreneurs to install non-conventional energy projects;
- (d) if so, the reasons therefore;
- (e) whether the Government propose to re-consider for providing more incentives to the entrepreneurs to augment the production through Non-conventional Energy Sources (NCES) in the country; and
- (f) if not, the steps taken by the Government in this regard?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRIM. KANNAPPAN)

(a) & (b): Yes, Sir. The Ministry has prepared a detailed plan to exploit various Non-conventional energy sources during the 9th Five Year Plan Period. The details of targets during the 9th Five Year Plan period are given in the Annexure. In addition, during the year 2000-2001, the Ministry has also introduced four new schemes namely Scheme for Project Preparatory Assistance in non-conventional energy, Scheme for Business Development and Export Promotion in non-conventional energy, Rural Energy Entrepreneurship and Institutional Development (REEID) and Women and Renewable Energy Development to explore more avenues for utilisation of Non-conventional Energy Resources.

(c), (d) (e) & (f): The Ministry considers reduction/increase of incentives given under various programmes/projects purely on the basis of commercialization level and economic viability of the projects. The Ministry is already providing various fiscal, financial and promotional incentives i.e. central subsidy, 100 % accelerated depreciation, concessional custom duty, excise duty/sales tax exception, soft term loans. conducive policies for wheeling, banking, buy-back, third party sale of renewable energy power etc. to attract private sector participation for augmentation and installation of non-conventional energy projects.

DETAILS OF PROGRAMME-WISE BUDGETARY ALLOCATION AND PHYSICAL TARGETS FIXED DURING 9TH PLAN PERIOD

	FINANCIAL (Rs. in crores)	PHYSICAL
Sl.No. Programmes/ Schemes	9th Plan	9th Plan Physical
	Allocations	Target
1 Biogas	286.00	10 Lakhs
2 Community/Institutional/Night-soil based Biogas Plants	30.00	800 Nos.
3 Improved chulha	84.00	150 Lakhs
4 Biomass/ Gasifier	25.00	40 MW
5 Integrated Rural Energy Programme (IREP)	53.00	660 (Old Blocks) 200 (New Blocks)
6 Special Area Demonstration Programme - Energy Parks	8.00	200 Energy Parks
7 Urjagrams	1.00	
8 Animal Energy Programme	2.14	
9 Solar Photovoltaic (SPV) Demonstration	219.00	
	SPV Home Light	2 Lakhs
	SPV Lanterns	3 Lakhs
	SPV Power Plants	1.6 MW
10 SPV Pumps	46.50	4000 Nos.
11 SPV Research & Development	25.00	
12 Solar Thermal (ST) Energy	34.00	
	Solar Water Heating Systems (M.sq. collector area)	1.5 Lakh
	Solar Cooker	1.5 Lakh Nos.
13 Wind Pumps & Hybrid Systems	8.00	1000 Nos. 250 kW

14 Solar Energy Centre 24.00
 15 Wind power 63.00 1000 MW
 16 Small Hydro Power (SHP) 187.00
 (SHP) 130 MW
 (Water Mills) 700 Nos.
 (Repair & Maintenance) 65 MW
 17 Biomass Power 226.00 314 MW
 18 Solar Power 63.00 141.5 MW
 19 Urban & Industrial & National Bio-energy Board 62.00 42 MW
 20 New Technology
 a Chemical sources 7.00
 b Hydrogen Energy 4.50
 c Alternate Fuels 7.50
 d Ocean Energy 3.00
 e Geo-Thermal 3.00
 21 I & P 15.00
 22 International Cooperation 9.00
 23 Project Preparation Assistance 2.00
 24 TIFAC 6.00
 25 Seminars 2.50
 26 Regional Office 4.00
 27 NIRE 20.00
 28 State Nodal Agencies 15.00
 29 Rural Energy Entrepreneurship /Institutional Development 5.00
 30 Market development & Export Promotion 5.00
 31 Women and Renewable Energy Development 1.00
 32 HRD & Training 6.00
 33 IREDA
 a Equity 250.00
 b Technology Commercial Funds 10.00
 Total Domestic Budgetary Source (DBS) 1822.14
 Externally Aided Projects (EAP) 300.00
 TOTAL Gross Budgetary Sources (GBS) 2122.14
 Internal and Extra Budgetary Resources (IEBR) 1678.00
 Total outlay 3800.14
 MW = Mega Watt; kW = Kilo Watt; M.sq. = Meter Square Collector Area